

Welcome to STN International! Enter x:x

LOGINID:sssptal600rxa

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 SEP 09 CA/CAPLUS records now contain indexing from 1907 to the  
present  
NEWS 4 AUG 05 New pricing for EUROPATFULL and PCTFULL effective  
August 1, 2003  
NEWS 5 AUG 13 Field Availability (/FA) field enhanced in BEILSTEIN  
NEWS 6 AUG 18 Data available for download as a PDF in RDISCLOSURE  
NEWS 7 AUG 18 Simultaneous left and right truncation added to PASCAL  
NEWS 8 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right  
Truncation  
NEWS 9 AUG 18 Simultaneous left and right truncation added to ANABSTR  
NEWS 10 SEP 22 DIPPR file reloaded  
NEWS 11 SEP 25 INPADOC: Legal Status data to be reloaded  
NEWS 12 SEP 29 DISSABS now available on STN  
NEWS 13 OCT 10 PCTFULL: Two new display fields added  
NEWS 14 OCT 21 BIOSIS file reloaded and enhanced  
NEWS 15 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced  
  
NEWS EXPRESS OCTOBER 01 CURRENT WINDOWS VERSION IS V6.01a, CURRENT  
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
specific topic.

All use of STN is subject to the provisions of the STN Customer  
agreement. Please note that this agreement limits use to scientific  
research. Use for software development or design or implementation  
of commercial gateways or other similar uses is prohibited and may  
result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 07:52:03 ON 04 NOV 2003

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 07:52:11 ON 04 NOV 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 3 NOV 2003 HIGHEST RN 612478-18-9  
DICTIONARY FILE UPDATES: 3 NOV 2003 HIGHEST RN 612478-18-9

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP  
PROPERTIES for more information. See STNote 27, Searching Properties  
in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

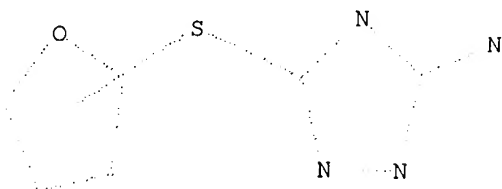
Uploading 10089433.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 07:52:30 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 190 TO ITERATE

100.0% PROCESSED 190 ITERATIONS 1 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 2973 TO 4627  
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 07:52:33 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 3403 TO ITERATE

100.0% PROCESSED 3403 ITERATIONS 15 ANSWERS

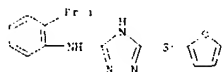
Page 3 11/04/2003

SEARCH TIME: 00.00.01

L3 15 SEA SSS FUL L1

=> d scan

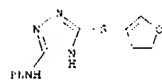
L3 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN 1H-1,2,4-Triazol-3-amine, 5-(2-furanylthio)-N-(2-(1-methylethyl)phenyl)- (901)  
MF C15 H16 N4 O S



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

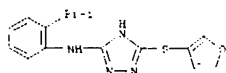
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):14

L3 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN 1H-1,2,4-Triazol-3-amine, 5-(3-furanylthio)-N-phenyl- (901)  
MF C12 H10 N4 O S



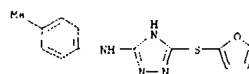
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN 1H-1,2,4-Triazol-3-amine, 5-(2-furanylthio)-N-(2-(1-methylethyl)phenyl) (901)  
MF C15 H16 N4 O S



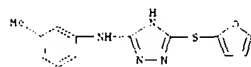
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN 1H-1,2,4-Triazol-3-amine, 5-(2-furanylthio)-N-(4-methylphenyl)- (901)  
MF C13 H12 N4 O S



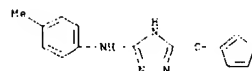
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN 1H-1,2,4-Triazol-3-amine, 5-(2-furanyltio)-N-(3-methylphenyl) (901)  
MF C13 H12 N4 O S



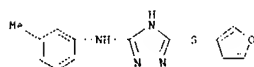
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN 1H-1,2,4-Triazol-3-amine, 5-(4-furanyltio)-N-(4-methylphenyl)- (901)  
MF C14 H12 N4 O S



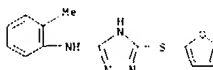
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L4 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN 1H-1,2,4-Triazol-3-amine, 5-(4-furanyltio)-N-(3-methylphenyl) (901)  
MF C14 H12 N4 O S



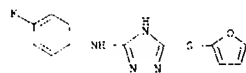
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN 1H-1,2,4-Triazol-3-amine, 5-(2-furanyltio)-N-(2-methylphenyl) (901)  
MF C13 H12 N4 O S



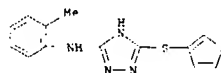
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

13 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN 1H 1,2,4-Triazol-3-amine, N-(4-fluorophenyl)-5-(2-furanylthio)- (9CI)  
MF C12 H9 F N4 O S



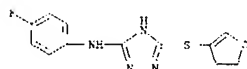
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

13 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN 1H 1,2,4-Triazol-3-amine, 5-(2-furanylthio)-N-(2-methylphenyl)- (9CI)  
MF C13 H12 N4 O S



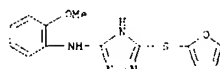
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

13 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN 1H 1,2,4-Triazol-3-amine, N-(4-fluorophenyl)-5-(2-furanylthio)- (9CI)  
MF C12 H9 F N4 O S



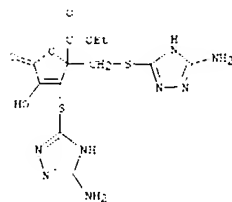
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

13 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN 1H 1,2,4-Triazol-3-amine, 5-(2-furanylthio)-N-(2-methylphenyl)- (9CI)  
MF C13 H12 N4 O S



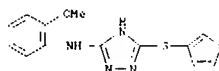
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
 IN 2-Furanthiopyran-1-ylidene-3-[(5-amino-1H-1,2,4-triazol-3-yl)thio]-2-[(5-  
 amino-1H-1,2,4-triazol-3-yl)thio]methyl-2,5-dihydro-4-hydroxy-5-oxo-  
 ethyl ester (901)  
 MF C12 H14 N8 O5 S2



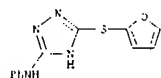
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
 IN 1H-1,2,4-Triazol-3-amine, 5-(3-furanylthio)-N-(2-methoxyphenyl)- (901)  
 MF C13 H12 N4 O2 S



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
 IN 1H-1,2,4-Triazol-3-amine, 5-(2-furanylthio)-N-phenyl- (901)  
 MF C12 H10 N4 O2 S



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> fil caplus  
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	148.55	148.76

FILE 'CAPLUS' ENTERED AT 07:53:18 ON 04 NOV 2003  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 4 Nov 2003 VOL 139 ISS 19  
FILE LAST UPDATED: 3 Nov 2003 (20031103/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3

L4 2 L3

=> d ibib abs hitstr 1-2



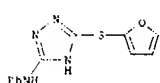
Ab The compds. of the invention are non-peptide, reversible inhibitors of type 2 methionine aminopeptidase (MeAP2), and are useful in treating conditions mediated by angiogenesis, such as cancer, hemangioma, proliferative retinopathy, rheumatoid arthritis, atherosclerotic neovascularization, psoriasis, ocular neovascularization, and obesity. In particular, the method of inhibiting MeAP2 with triazoles 1 and their

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)  
 pharmaceutically acceptable salts and solvates is claimed [wherein: X = S or O; R1 = (un)substituted C1-6 alkyl, C3-6 alkenyl, C3-6 alkynyl, (un)substituted aralkyl, (un)substituted heterocyclylalkyl, or cycloalkylalkyl; R2 = (un)substituted C2-6 alkyl, C3-6 alkenyl, C3-6 alkynyl, (un)substituted aralkyl, (un)substituted heterocyclylalkyl, cycloalkylalkyl; R3 = H, (un)substituted C1-6 alkyl, C3-6 alkenyl, C3-6 alkynyl, (un)substituted heterocyclylalkyl, cycloalkylalkyl; R4 = (un)substituted C1-6 alkyl, C3-6 alkenyl, C3-6 alkynyl, (un)substituted heterocyclylalkyl, cycloalkylalkyl; R5 = (un)substituted C1-6 alkyl, C3-6 alkenyl, C3-6 alkynyl, (un)substituted heterocyclylalkyl, cycloalkylalkyl; A and/or B may be absent]. A total of 312 synthetic examples are given. For instance, treatment of thiourea with NaOH and then Ph acetylthionamide gave 1-phenyl 2,4-dithiobenzotriazole, i.e., PhNH(C(S)NH)(S)NH<sub>2</sub>, which reacted with NEt<sub>3</sub> and Et<sub>3</sub> in DMF to give 2-phenyl-1-phenyl 2-isobutylthio-1,2,4-triazole, i.e., PhNH(C(S)NH)(S)NH<sub>2</sub>. Cyclodehydration of the latter with anhyd. hydrazine gave 2-anilino-5-mercapt-1,2,4-triazole, which reacted with K<sub>2</sub>CO<sub>3</sub> and benzyl bromide in DMF to give the invention compd. 3-anilino-5-benzylthio-1,2,4-triazole. Using analogous substituted starting materials, more highly substituted invention compds. such as 11 were prepd. The compds. have IC<sub>50</sub> values of 0.0021-100 μM against MeA2P.

11 334538-78-2P, 3-Anilino-5-(furan-2-ylthio)-1,2,4-triazole  
 334538-87-3P, 3-Anilino-5-(furan-2-ylthio)-1,2,4-triazole  
 334538-99-7P, 3-(4-Methylanilino)-5-(furan-2-ylthio)-1,2,4-triazole  
 334539-08-1P, 3-(4-Methylanilino)-5-(furan-2-ylthio)-1,2,4-triazole  
 334539-21-8P, 3-(2-Methylanilino)-5-(furan-2-ylthio)-1,2,4-triazole  
 334539-30-9P, 3-(2-Methylanilino)-5-(furan-3-ylthio)-1,2,4-triazole  
 334540-40-0P, 3-(2-Methylanilino)-5-(furan-2-ylthio)-1,2,4-triazole  
 334540-48-6P, 3-(2-Methylanilino)-5-(furan-2-ylthio)-1,2,4-triazole  
 334540-63-5P, 3-(2-Methylanilino)-5-(furan-2-ylthio)-1,2,4-triazole  
 334540-71-5P, 3-(2-Isopropylanilino)-5-(furan-2-ylthio)-1,2,4-triazole  
 334540-86-2P, 3-(4-Methylanilino)-5-(furan-2-ylthio)-1,2,4-triazole  
 334540-95-3P, 3-(2-Methylanilino)-5-(furan-3-ylthio)-1,2,4-triazole  
 334541-50-3P, 3-(4-Methylanilino)-5-(furan-2-ylthio)-1,2,4-triazole  
 334541-61-6P, 3-(4-Fluorophenyl)-5-(furan-3-ylthio)-1,2,4-triazole

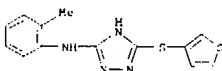
Key Words: (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); RPL (Pharmacological study); PREP (Preparation); USES (Uses)  
 (Drug candidates: prepn. of anilino(furanthio)triazole derivs. as MeA2P inhibitors)

RN 334538-78-2 CAPLUS  
 CN 1H-1,2,4-Triazol-3-amine, 5-(2-furanylthio)-N-phenyl- (9CI) (CA INDEX NAME)

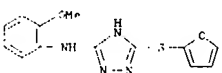


RN 334538-87-3 CAPLUS

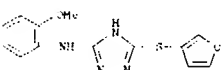
L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



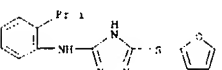
RN 334540-40-8 CAPLUS  
 CN 1H-1,2,4-Triazol-3-amine, 5-(2-furanylthio)-N-(2-methoxyphenyl)- (9CI) (CA INDEX NAME)



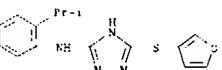
RN 334540-48-6 CAPLUS  
 CN 1H-1,2,4-Triazol-3-amine, 5-(2-furanylthio)-N-(2-methoxyphenyl)- (9CI) (CA INDEX NAME)



RN 334540-63-5 CAPLUS  
 CN 1H-1,2,4-Triazol-3-amine, 5-(2-furanylthio)-N-(2-methylphenyl)- (9CI) (CA INDEX NAME)

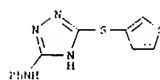


RN 334540-71-5 CAPLUS  
 CN 1H-1,2,4-Triazol-3-amine, 5-(3-furanylthio)-N-(2-(1-methyl-ethyl)phenyl)- (9CI) (CA INDEX NAME)

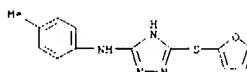


RN 334540-86-2 CAPLUS  
 CN 1H-1,2,4-Triazol-3-amine, 5-(2-furanylthio)-N-(2-methylphenyl)- (9CI) (CA INDEX NAME)

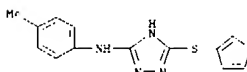
L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)  
 CN 1H-1,2,4-Triazol-3-amine, 5-(3-furanylthio)-N-phenyl- (9CI) (CA INDEX NAME)



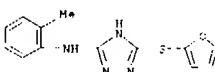
RN 334538-99-7 CAPLUS  
 CN 1H-1,2,4-Triazol-3-amine, 5-(2-furanylthio)-N-(4-methylphenyl)- (9CI) (CA INDEX NAME)



RN 334539-08-1 CAPLUS  
 CN 1H-1,2,4-Triazol-3-amine, 5-(3-furanylthio)-N-(4-methylphenyl)- (9CI) (CA INDEX NAME)

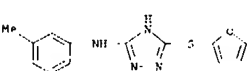


RN 334539-21-8 CAPLUS  
 CN 1H-1,2,4-Triazol-3-amine, 5-(2-furanylthio)-N-(2-methylphenyl)- (9CI) (CA INDEX NAME)

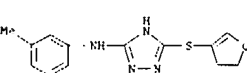


RN 334539-30-9 CAPLUS  
 CN 1H-1,2,4-Triazol-3-amine, 5-(3-furanylthio)-N-(2-methylphenyl)- (9CI) (CA INDEX NAME)

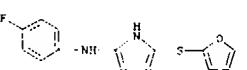
L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



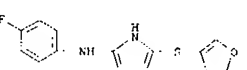
RN 334540-95-3 CAPLUS  
 CN 1H-1,2,4-Triazol-3-amine, 5-(3-furanylthio)-N-(3-methylphenyl)- (9CI) (CA INDEX NAME)



RN 334541-50-3 CAPLUS  
 CN 1H-1,2,4-Triazol-3-amine, N-(4-fluorophenyl)-5-(2-furanylthio)- (9CI) (CA INDEX NAME)



RN 334541-61-6 CAPLUS  
 CN 1H-1,2,4-Triazol-3-amine, N-(4-fluorophenyl)-5-(3-furanylthio)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

10.32

159.08

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-1.30

-1.30

STN INTERNATIONAL LOGOFF AT 07:55:02 ON 04 NOV 2003